

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

To:

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NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(PCT Rule 71.1)

Date of mailing
(day/month/year)

26.05.2006

Applicant's or agent's file reference
MKP089889PWO ✓

IMPORTANT NOTIFICATION

International application No.
PCT/GB2004/000429

International filing date (day/month/year)
03.02.2004

Priority date (day/month/year)
03.02.2004

Applicant
CORIZON LIMITED et al.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary report on patentability and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

The applicant's attention is drawn to Article 33(5), which provides that the criteria of novelty, inventive step and industrial applicability described in Article 33(2) to (4) merely serve the purposes of international preliminary examination and that "any Contracting State may apply additional or different criteria for the purposes of deciding whether, in that State, the claimed inventions is patentable or not" (see also Article 27(5)). Such additional criteria may relate, for example, to exemptions from patentability, requirements for enabling disclosure, clarity and support for the claims.

Name and mailing address of the international
preliminary examining authority:



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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference MK/P089889PWO		FOR FURTHER ACTION		See Form PCT/PEA/416
International application No. PCT/GB2004/000429		International filing date (<i>day/month/year</i>) 03.02.2004		Priority date (<i>day/month/year</i>) 03.02.2004
International Patent Classification (IPC) or national classification and IPC INV. G06F9/44				
Applicant CORIZON LIMITED et al.				
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> <i>sent to the applicant and to the International Bureau</i>) a total of 1 sheets, as follows:</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p style="margin-left: 40px;"><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>				
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input checked="" type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input checked="" type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>				
Date of submission of the demand 01.12.2005			Date of completion of this report 26.05.2006	
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465			Authorized officer Del Chiaro, S Telephone No. +49 89 2399-7390	



**INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY**

10/587474
International application No.
PCT/GB2004/000429

AP20 Rec'd PCT/PTO 02 AUG 2006

Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
 - ☐ This report is based on translations from the original language into the following language , which is the language of a translation furnished for the purposes of:
 - ☐ international search (under Rules 12.3 and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4)
 - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the **elements*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

Description, Pages

1-95 as originally filed

Claims, Numbers

1-129 as originally filed

Drawings, Sheets

1/69-58/69, 60/69-69/69 as originally filed
59/69 received on 05.12.2005 with letter of 01.12.2005

☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing

3. ☐ The amendments have resulted in the cancellation of:
 - ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
 - ☐ any table(s) related to sequence listing (*specify*):
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
 - ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
 - ☐ any table(s) related to sequence listing (*specify*):

* If item 4 applies, some or all of these sheets may be marked "superseded."

**INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY**

International application No.
PCT/GB2004/000429

Box No. II Priority

1. ☒ This report has been established as if no priority had been claimed due to the failure to furnish within the prescribed time limit the requested:
- ☒ copy of the earlier application whose priority has been claimed (Rule 66.7(a)).
 - ☐ translation of the earlier application whose priority has been claimed (Rule 66.7(b)).
2. ☐ This report has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rule 64.1). Thus for the purposes of this report, the international filing date indicated above is considered to be the relevant date.
3. Additional observations, if necessary:

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-129
	No: Claims	
Inventive step (IS)	Yes: Claims	1-129
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-129
	No: Claims	

2. Citations and explanations (Rule 70.7):

see separate sheet

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

**INTERNATIONAL PRELIMINARY
REPORT ON PATENTABILITY
(SEPARATE SHEET)**

International application No.

PCT/GB2004/000429

Re Item V

**Reasoned statement with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement**

1 Documents

1.1 Reference is made to the following documents:

D1: US 2003/079047 A1 (FITTS SEAN M ET AL) 24 April 2003 (2003-04-24)

2 Inventiveness of the independent claims, Article 33(3) PCT

2.1 The present application is regarding a method for creating a composite user interface from components of at least one source application (see claims 1, 97, 98, 110, said features are disclosed in document D1: page 2, right column, paragraphs 36-39), where a model of the user interface of the source application is created by the help of templates (claims 1, 17, 93 and 110, D1: page 1, lines 52-54 model the user interface of an application) and a model of the composite user interface is created from the needed source models (claims 17, 93 and 97 document D1: page 2, lines 4-19 to create a model composite application with models of components coming from already established services, in other word from existing applications).

2.2 The method defined in the independent claims differs from that disclosed in D1 in that:

- a model of the composite user interface is processed to generate rules for communication between the composite user interface and at least one source application.
- the composite user interface is monitored to obtain management data.
- it is possible to choose among predefined composite user interfaces.

2.3 The objective technical problem to be solved by the present invention may therefore be regarded as how to find out usage and communication rules between the composite user interface and the source applications.

2.4 The solution proposed by the present application is the following: a model is created

for the composite user interface and the model is analysed in all its parts constituted by flow items (models) representing the original source application to find out how the composite interface model(s) is(are) related with the source application(s) and eventually extract the necessary data and rules for the communication of the composite UI and the source applications. The analysis of the model so composed allows to identify weak or slow points of the composite user interface and when needed deleting models of non essential features. Creating a composite user interface with this method has the advantage of improving the usability of the user interface when more than one applications is needed at the same time without the difficulty of massive customizations, such method is not to be found in the prior art at hand and is considered to be inventive.

- 2.5 On the light of the differences outlined in paragraph 2.2, the identified objective technical problem and the above described solution, the subject matter of the independent method **claims 1, 17, 93, 97, 98 and 110 is considered to involve an inventive activity** in the sense of Article 33(3) PCT.
- 2.6 Since claims 49, 50, 80, 96, 104, 105, 119 and 129 relate to an apparatus having only features that correspond to the steps of method claims 1, 17, 93, 97, 98 and 110 the considerations concerning claims 1, 17, 93, 97, 98 and 110 apply accordingly.
- 2.7 Since claims 48, 103 and 128 relate to a data carrier carrying computer program code for executing the steps of method claims 1, 98 and 110 the considerations concerning claims 1, 98 and 110 apply accordingly.

Re Item VII

Certain defects in the international application

- 3 The general statement in the description on page 95 refers to the "spirit of the invention". When used to interpret the claims, it indicates that subject-matter for which protection is sought could differ from the subject-matter of the claims, thereby rendering the scope of the claims unclear (Article 6 PCT guidelines, C-III 4.3a).